AMSAT News Service Weekly Bulletins
Issue: ANS-279
Date: 1990-10-06
Sources: amsat-ans-1990-ans-279.01.txt

SB ALL @ AMSAT $ANS-279.01
K6LFH SILENT KEY

HR AMSAT NEWS SERVICE BULLETIN 279.01 FROM AMSAT HQ
SILVER SPRING, MD OCTOBER 6, 1990
TO ALL RADIO AMATEURS BT

The Amateur Radio Satellite Program lost one of its early pioneers and strongest supporters when Chuck Towns (K6LFH) passed away on September 28th at his home in Los Gatos, California. A memorial service was held on October 5th in Saratoga, California.

Chuck was one of the founding members of Project OSCAR and was very active with the first several amateur satellite projects in the 1960s. He continued to promote the amateur satellite program until his passing. Many amateurs in the San Francisco Bay Area became active on amateur satellites because of the support and help Chuck provided.

[ANS would like to thank WB6GFJ for the information in this bulletin.]
/EX
SB ALL @ AMSAT $ANS-279.02
NEW AMSAT-NA BOARD

HR AMSAT NEWS SERVICE BULLETIN 279.02 FROM AMSAT HQ
SILVER SPRING, MD OCTOBER 6, 1990
TO ALL RADIO AMATEURS BT

New AMSAT-NA Board of Directors Elected

AMSAT-NA Headquarters has announced the results of the recent Board of Directors election. The following candidates were elected and will serve for a two year period in accordance with the Bylaws:

1) Tom Clark (W3IWI)
2) Doug Loughmiller (KO5I)
3) John Champa (K8OCL)

Elected to serve as First and Second Alternates to the Board are candidates Junior De Castro (PY2BJO) and Joe Kasser (W3/G3ZCZ), respectively. Alternates will step in to fill any seats on the Board which occur as a result of a resignation before the next Board is seated in the fall of 1991. AMSAT-NA would like to thank all those members who took the time to cast their ballots. The new Directors will serve beginning with the annual AMSAT-NA Board Meeting which starts on Oct. 19, 1990 in Houston, TX and will be present throughout the AMSAT Space Symposium, available to discuss issues with the attendees.
/EX
SB ALL @ AMSAT $ANS-279.03
WD3Q PLANS 6Y5 DXPEDITION

HR AMSAT NEWS SERVICE BULLETIN 272.03 FROM AMSAT HQ
SILVER SPRING, MD OCTOBER 6, 1990
TO ALL RADIO AMATEURS BT

6Y5/WD3Q AO-13 DXpedition Planned For Oct. 9-13

Long-time AMSAT-NA volunteer and OSCAR enthusiast Eric Rosenberg (WD3Q) is currently planning to operate AO-13 from Kingston, Jamaica from Oct. 9-13,

1990. All are especially invited to join Eric on AO-13 on Oct. 10, 1990 at 00:00 UTC as he plans to demonstrate OSCAR communication techniques to local hams in the Kingston area. Eric will be staying at the QTH of Hugh Brand (6Y5HB) while in Jamaica and will use either Hugh's callsign, 6Y5HB, or his own call, 6Y5/WD3Q. Those who wish to QSL can send their card directly to: WD3Q, 338 14th St., NE, Washington, D.C., 20002.
/EX
SB ALL @ AMSAT $ANS-279.04
FO-20 UPDATE/SCHEDULE

HR AMSAT NEWS SERVICE BULLETIN 279.04 FROM AMSAT HQ
SILVER SPRING, MD OCTOBER 6, 1990
TO ALL RADIO AMATEURS BT

Latest Japanese Bird Still Experiencing Temperature Problems

The FO-20 Command Team at JARL report that FO-20 is continuing to experience high temperature problems which is forcing a drastic reduction of operations on the bird. Unfortunately, because FO-20 is currently experiencing a period of eclipse-free orbits, the natural cooling off of the satellite during eclipse is not occurring. Therefore, the reduction of transponder operation availability is one way to reduce the internal temperature build up. As of the weekend of 29 Sept 90, the battery temperature had risen to near 45 degrees C. Extended exposure to high battery temperature will decrease the useful life of the battery.

Although it is subject to change at any moment, this list is the current schedule of operation for FO-20:

From	To	Mode
08 Oct 90 0920	08 Oct 90 1110	JA and JD
11 Oct 90 0825	12 Oct 90 0850	JD

The above dates and time are in UTC.

The FO-20 Command Team will be monitoring satellite performance and operations during these times and may turn off the transponder if they determine that the satellite is in danger.

[ANS thanks the FO-20 Command Team and WD0HHU for the information in this bulletin]
/EX
SB ALL @ AMSAT $ANS-279.05
OPERATIONS NET SCHEDULE

HR AMSAT NEWS SERVICE BULLETIN 279.05 FROM AMSAT HQ
SILVER SPRING, MD OCTOBER 6, 1990
TO ALL RADIO AMATEURS BT

AMSAT-NA Operations Net Schedule Announced

AMSAT Operations Nets are planned for the following times. Mode B nets are conducted on an AO-13 downlink frequency of 145.950. Mode J/L nets are conducted on an AO-13 downlink frequency of 435.970.

Date	Phs	mode	UTC	NCS	Alt.	U.S. day
9 Oct 90	172	J/L	0015	WD0E	WB9ANQ	Monday
- 15 October 90 reorientation to 180/0 -						
21 Oct 90	98	J/L	1800	WB6LLO	W5RRR*	Sunday

```
27 Oct 90   135    B   1300  WB9ANQ KA5SMA  Saturday
03 Nov 90    98   J/L  1500   N5BF   WD0E   Saturday

* Most NCS operators will be at the AMSAT Symposium at JSC in Houston, TX
on 21 October 90.  As a result, this net may be cancelled.

Nets are scheduled for North American geographic coverage and time zones,
although other parts of the world are often within the footprint and checkins
from everywhere are welcome.  Those who don't have adequate and convenient
coverage from this net are encouraged to schedule their own nets via AO-13.
Write to AMSAT Headquarters with your schedule and we will run it in ANS.

For information on the amateur satellite program and how you can participate,
contact AMSAT-NA Headquarters at P.O. Box 27, Washington, DC 20044, phone
(301) 589-6062, or contact your local AMSAT Area Coordinator.
/EX
SB ALL @ AMSAT $ANS-279.06
AO13/AO10 TRANSPONDER SKED

HR AMSAT NEWS SERVICE BULLETIN 279.06 FROM AMSAT HQ
SILVER SPRING, MD OCTOBER 6, 1990
TO ALL RADIO AMATEURS BT

A new Transponder Schedule for AO-13 was put into effect on September 8 which
is planned to continue through October 17.

Mode S operation has been eliminated for the time being since relatively poor
solar panel illumination does not allow sufficient power for proper battery
maintenance during Mode S and S/B periods.  Satellite reorientation (a.k.a.
magnetorquing) is scheduled to commence on October 15 and once it has been
completed, it is expected that Mode S will be returned to service.


The present transponder schedule for AO-13 is as follows:

Mode-B          : MA 003 to MA 165
Mode-JL         : MA 165 to MA 195
Mode-B          : MA 195 to MA 240
Off             : MA 240 to MA 003 (Mode B Beacon On)
Omni Antennas   : MA 240 to MA 060

The September 10 attitude estimate is:

BLON = 205  and  BLAT = -7


AMSAT-OSCAR-10 appears NOT TO have been receiving sufficient solar panel ill-
umination to support Mode-B transponder operations.  Both beacon and trans-
ponder signals show signs of FMing.  Until further notice please DO NOT use
AO-10's transponder.

It is expected that AO-10 may once again receive sufficient solar illum-
ination to support Mode-B transponder operation by sometime in November.
/EX
SB ALL @ AMSAT $ANS-279.07
AMSAT SYMPOSIUM, PART 1

HR AMSAT NEWS SERVICE BULLETIN 279.07 FROM AMSAT HQ
SILVER SPRING, MD OCTOBER 6, 1990
TO ALL RADIO AMATEURS BT

The Date for the AMSAT Symposium is Drawing Near

There is not much time left to make your plane and hotel reservations for
```

this year's AMSAT Symposium which will be held during the weekend of October 19, 20, and 21 at the Johnson Space Center (JSC) Visitors Center.

Presentations will be held in the Visitor's Center Auditorium, and have been scheduled for all three days of the weekend. The talks have been scheduled in serial alignment so that you will not have to choose between two talks at any given time.

Friday's talks, which begin at 3:00 PM include: Satellite Image Processing for the Amateur, AMSAT-NA Education Activities and finishing with AMSAT Orbital Data Management. Saturday's activities begin at 8:00 AM. A scan of the program lists talks on such topics as:

The Decoding Telemetry from the Amateur Satellites
In-Orbit Performance of 4 Microsat Spacecraft
A discussion of AO-13's Orbit
A report on the Phase 3D Project
Phase 4 Technology as it Applies to Phase 3D
Macromets and Microsats
A Pacsat Demonstration
Microsat Motion, Stabilization, and Telemetry
Full Motion Digital Video Via Amateur Satellites
SAREX Hardware for STS-35 and 37
Astronaut Deployable Satellites
Webersat Operations and Experiment Results
AMSAT-NA Operations Organization
The Development of 2 DSP Modems

Regular tours of the Johnson Space Flight Center will be available throughout the weekend.
/EX
SB ALL @ AMSAT $ANS-279.08
AMSAT SYMPOSIUM, PART 2

HR AMSAT NEWS SERVICE BULLETIN 265.08 FROM AMSAT HQ
SILVER SPRING, MD OCTOBER 6, 1990
TO ALL RADIO AMATEURS BT

Saturday evening's activities will be held at the JSC Employee's Recreation Center with the ever-popular Attitude Adjustment Hour followed by a Texas Bar-B-Que Dinner. AMSAT is very fortunate to have as its Guest Speaker Mr. Aaron Cohen, Director, Johnson Space Center. Following Mr. Cohen's address the AMSAT-NA Annual Meeting will be held.

Sunday's activities begin at 9:00 AM and the topics to be presented will be: Getting Started in Amateur Satellites, Building a Versatile Homebrew Satellite Ground Station and Poor Boy Satellite Station. For those who can delay their departure time until late Sunday, there will be a chance to attend an open house (starting at 1:00 p.m.) at the world's largest amateur antenna, W5UN, the station that brought DO-17 (Dove) back to life.

When making airline reservations, please note that Hobby Airport is MUCH closer to JSC than Houston Intercontinental Airport. Contact AMSAT Headquarters at 301-589-6062 for further information on Symposium registration and accommodations.
/EX

Tad Cook
Seattle, WA
Packet: KT7H @ N7HFZ.WA.USA.NA
Phone: 206/527-4089
MCI Mail: 3288544
Telex: 6503288544 MCI UW

USENET:...uw-beaver!sumax!amc-gw!ssc!tad
or, tad@ssc.UUCP